

Substitute for form 1449/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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|                        |                |
|------------------------|----------------|
| Application Number     | 10/565,012     |
| Filing Date            | July 5, 2006   |
| First Named Inventor   | Shigeo Kittaka |
| Art Unit               | 2817 2874      |
| Examiner Name          | Unknown Leung  |
| Attorney Docket Number | 2842.43US01    |

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## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document |
|----------------------|--------------------------|--|--------------------------------|--|
|                      |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |
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| EXAMINER<br>INITIAL* | Cite<br>No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | T <sup>6</sup>  |
|----------------------|--------------------------|--|--------------------------------|--|-----------------|
|                      |                          | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup><br>(if known) |                                |  |                 |
| /QL/                 |                          | JP 2003-215362   | 07/30/2003                     | Kikko  | X<br>(abstract) |
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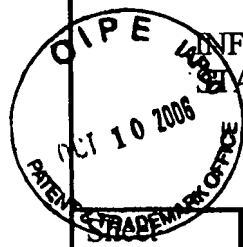
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2D : = planar photonic crystal



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|----------------------|--------------------------|---|--------------------------------|--|
| /QL/                 |                          | US-2003/0142385 A1  | 07/31/2003                     | Kittaka et al.                                     |
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| /QL/                 |                          | JP 61-249004  | 11/06/1986                     | Imoto  | X<br>(abstract) |
| /QL/                 |                          | JP 2001-108611  | 04/20/2001                     | Yanagi   | X<br>(abstract) |
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| /QL/                 |                          | JP 2001-272555  | 10/05/2001                     | Noda   | X<br>(abstract) |
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| /QL/                 |                          | JP 2003-287633  | 10/10/2003                     | Kikko  | X<br>(abstract) |

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| Sheet  | 2                        | of   | 2                  |
|  |                          | Attorney Docket Number   | 2842.43US01        |
| NON PATENT LITERATURE DOCUMENTS  |                          |  |                    |
| EXAMINER<br>INITIAL*   | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T <sup>2</sup>     |
| /QL/   |                          | TAJIMA et al., "Symmetric Mach Zender all-optical switches and ultrafast all-optical signal processing," <u>Optronics</u> , Vol. 4, pp. 132-138 (2002).  | X<br>(abstract)    |
| /QL/   |                          | "Photonic Crystal: Technology Applications," <u>CMC Publishing</u> , pp. 244-245 (2002).   |                    |
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